

**DAMAGE SURVEY REPORT (DSR)**  
**Emergency Watershed Protection Program – Recovery**

**Section 1A**

Date of Report: 6/7/06

DSR Number: 051-05-044K Project Number: \_\_\_\_\_

**NRCS Entry Only**

Eligible: YES X NO \_\_\_\_\_  
Approved: YES X NO \_\_\_\_\_  
Funding Priority Number (from Section 4) 3e  
Limited Resource Area: YES \_\_\_\_\_ NO X

**Section 1B Sponsor Information**

Sponsor Name: Grand Isle Independent Levee District - David Camardelle President

Address: P.O. Box 757

City/State/Zip: Grand Isle, LA

Telephone Number: (985) 787-3955 Fax: (985)-787-3859

**Section 1C Site Location Information**

County: Jefferson State: LA Congressional District: 3

Latitude: 29.2409 Longitude: 89.9874 Section: 22.23 Township: 22S Range: 24E

UTM Coordinates: Zone 15

Drainage Name: Walnut Pump Reach: 100 feet

Damage Description: erosion around pump

**Section 1D Site Evaluation**

All answers in this Section must be YES in order to be eligible for EWP assistance.

| Site Eligibility  | YES | NO | Remarks |
|---|-----|----|---------|
| Damage was a result of a natural disaster?*   | x   |    |         |
| Recovery measures would be for runoff retardation or soil erosion prevention?*                                | x   |    |         |
| Threat to life and/or property?*  | x   |    |         |
| Event caused a sudden impairment in the watershed?*   | x   |    |         |
| Imminent threat was created by this event?**  | x   |    |         |
| For structural repairs, not repaired twice within ten years?***   | x   |    |         |
| <b>Site Defensibility</b>   |     |    |         |
| Economic, environmental, and social documentation adequate to warrant action? (Go to pages 3, 4, 5 and 6 ***) | x   |    |         |
| Proposed action technically viable? (Go to Page 9 ***)  | x   |    |         |

Have all the appropriate steps been taken to ensure that all segments of the affected population have been informed of the EWP program and its possible effects? YES x NO \_\_\_\_\_

Comments: \_\_\_\_\_

\* Statutory

\*\* Regulation

\*\*\* DSR Pages 3 through 6 and 9 are required to support the decisions recorded on this summary page. If additional space is needed on this or any other page in this form, add appropriate pages. 1 of 14

Approved 7/2005

### Section 1E Proposed Action

Describe the preferred alternative from Findings: Section 5 A:

The proposed action consists of hauling in and replacing eroded earthfill over pump station discharge pipe.

Total installation cost identified in this DSR: Section 3: \$ 7,230

### Section 1F NRCS State Office Review and Approval

Reviewed By: \_\_\_\_\_

State EWP Program Manager

Date Reviewed: 11/22/06

Approved By: \_\_\_\_\_

State Conservationist

Date Approved: 12/1/06

### PRIVACY ACT AND PUBLIC BURDEN STATEMENT

NOTE: The following statement is made in accordance with the Privacy Act of 1974, (5 U.S.C. 552a) and the Paperwork Reduction Act of 1995, as amended. The authority for requesting the following information is 7 CFR 624 (EWP) and Section 216 of the Flood Control Act of 1950, Public Law 81-516, 33 U.S.C. 701b-1; and Section 403 of the Agricultural Credit Act of 1978, Public Law 95-334, as amended by Section 382, of the Federal Agriculture Improvement and Reform Act of 1996, Public Law 104-127, 16 U.S.C. 2203. EWP, through local sponsors, provides emergency measures for runoff retardation and erosion control to areas where a sudden impairment of a watershed threatens life or property. The Secretary of Agriculture has delegated the administration of EWP to the Chief or NRCS on state, tribal and private lands.

Signing this form indicates the sponsor concurs and agrees to provide the regional cost-share to implement the EWP recovery measure(s) determined eligible by NRCS under the terms and conditions of the program authority. Failure to provide a signature will result in the applicant being unable to apply for or receive a grant the applicable program authorities. Once signed by the sponsor, this information may not be provided to other agencies. IRS, Department of Justice, or other State or Federal Law Enforcement agencies, and in response to a court or administrative tribunal.

The provisions of criminal and civil fraud statutes, including 18 U.S.C. 286, 287, 371, 641, 651, 1001; 15 U.S.C. 714m; and 31 U.S.C. 3729 may also be applicable to the information provided. According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0578-0030. The time required to complete this information collection is estimated to average 117/1.96 minutes/hours per response, including the time for reviewing instructions, searching existing data sources, field reviews, gathering, designing, and maintaining the data needed, and completing and reviewing the collection information.

### USDA NONDISCRIMINATION STATEMENT

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### Civil Rights Statement of Assurance

The program or activities conducted under this agreement will be in compliance with the nondiscrimination provisions contained in the Titles VI and VII of the Civil Rights Act of 1964, as amended; the Civil Rights Restoration Act of 1987 (Public Law 100-259); and other nondiscrimination statutes: namely, Section 504 of the Rehabilitation Act of 1973, Title IX of the Amendments of 1972, the Age Discrimination Act of 1975, and the Americans with Disabilities Act of 1990. They will also be in accordance with regulations of the Secretary of Agriculture (7 CFR 15, 15a, and 15b), which provide that no person in the United States shall on the grounds of race, color, national origin, gender, religion, age or disability, be excluded from participation in, be denied the benefits of, or otherwise subjected to discrimination under any program or activity receiving Federal financial assistance from the U.S. Department of Agriculture or any agency thereof.

## Section 2 Environmental Evaluation

| 2A Resource Concerns    | 2B Existing Condition  | 2C Alternatives and Effects                                  |  |  |
|-------------------------|--|--|--|--|
|                         |  | Proposed Action  | No Action  | Alternative  |
|                         |  | Place compacted earthfill over discharge pipe.               | Leave discharge pipe exposed to high water and wave action.        | Install timber sheetpile wall along both sides of pipe to contain earthfull over discharge pipe. |
|                         |  | 2D Effects of Alternatives                                   |  |  |
| Soil                    |  |  |  |  |
| Channel Sediment        | Loose soil surrounding pipe is washing into adjacent drainage way. | Would allow loose soil to be compacted and revegetated.      | Loose soil surrounding pipe is washing into adjacent drainage way. | Would allow loose soil to be compacted and revegetated.  |
| Water erosion           | N/A  | N/A  | N/A  | N/A  |
| Surface Disturbance     | Loose soil surrounding pipe is washing into adjacent drainage way. | Would allow loose soil to be compacted and revegetated.      | Loose soil surrounding pipe is washing into adjacent drainage way. | Would allow loose soil to be compacted and revegetated.  |
| Water                   |  |  |  |  |
| Downstream Water Rights | N/A  | N/A  | N/A  | N/A  |
| Turbidity               | Loose soil surrounding pipe is washing into adjacent drainage way. | Loose soil is increasing turbidity in surrounding waterways. | Loose soil surrounding pipe is washing into adjacent drainage way. | Loose soil is increasing turbidity in surrounding waterways.                                     |
| Dissolved Oxygen        | N/A  | N/A  | N/A  | N/A  |
| Air                     |  |  |  |  |
| Particulate Matter      | Attainment   | Short term increase during repair.                           | Attainment   | Short term increase during repair.   |
| Plant                   |  |  |  |  |
| Emergent / Aquatic Veg. | N/A  | N/A  | N/A  | N/A  |
| Riparian Veg.           | N/A  | N/A  | N/A  | N/A  |
| Sensitive Species       | Located on island but not in Project area.                         | N/A  | N/A  | N/A  |
| Sensitive Habitats      | Located on island but not in Project area.                         | N/A  | N/A  | N/A  |
| Animal                  |  |  |  |  |
| Species Diversity       | No effect on species diversity.                                    | N/A  | N/A  | N/A  |
| Sensitive Species       | Located on island but not in Project area.                         | N/A  | N/A  | N/A  |
| Other                   |  |  |  |  |
| Aesthetics              | Loose soil surrounding pipe is washing into adjacent drainage way. | Improve aesthetics by repairing erosion site.                | Loose soil surrounding pipe is washing into adjacent drainage way. | Improve aesthetics by repairing erosion site.  |

**Section 2E Special Environmental Concerns**

| <b>Resource Consideration</b>             | <b>Existing Condition</b>  | <b>Alternatives and Effects</b>                          |   |  |
|---|--|--|---|--|
|   |  | <b>Proposed Action</b>                                   | <b>No Action</b>  | <b>Alternative</b>                                       |
| <b>Clean Water Act Waters of the U.S.</b> | Washout around pumping station is creating an erosion concern.                       | Project is located in CWA jurisdiction. Permit required. | Project is located in CWA jurisdiction. No permit required.                 | Project is located in CWA jurisdiction. Permit required. |
| <b>Coastal Zone Management Areas</b>      | Washout around pumping station is creating an erosion concern.                       | Project is located in the coastal zone. Permit required. | Project is located in the coastal zone. No permit required.                 | Project is located in the coastal zone. Permit required. |
| <b>Coral Reefs</b>                        | N/A  | N/A  | N/A   | N/A  |
| <b>Cultural Resources</b>                 | (FOTG II) None observed onsite. Cross reference with state archeologist.             | N/A  | N/A   | N/A  |
| <b>Endangered and Threatened Species</b>  | (FOTG II) (Federal and State Lists) None observed, 10 known, 1 possible T&E species. | None located in repair zone.                             | None located in repair zone.  | None located in repair zone.                             |
| <b>Environmental Justice</b>              | No effect.   | No effect.   | No effect.  | No effect.   |
| <b>Essential Fish Habitat</b>             | There is essential fish habitat on the island but no effected by repair.             | N/A  | There is essential fish habitat on the Island but no effected by repair.    | N/A  |
| <b>Fish and Wildlife Coordination</b>     | Coordination not needed for pump site repair. No rechannelization involved.          | N/A  | Coordination not needed for pump site repair. No rechannelization involved. | N/A  |
| <b>Floodplain Management</b>              | Repair is located in 100 year flood plain but is not affecting the plain.            | N/A  |   | N/A  |
| <b>Invasive Species</b>                   | None noted in project area.  | Likely will be reseeded with Bermuda grass.              | None noted in project area.   | Likely will be reseeded with Bermuda grass.              |
| <b>Migratory Birds</b>                    | None located in repair zone.   | N/A  | None located in repair zone.  | N/A  |
| <b>Natural Areas</b>                      | None present (FOTG II)   | N/A  | None located in repair zone.  | N/A  |
| <b>Prime and Unique Farmlands</b>         | None present (FOTG II)   | N/A  | None located in repair zone.  | N/A  |
| <b>Riparian Areas</b>                     | None located in repair zone.   | N/A  | None located in repair zone.  | N/A  |
| <b>Scenic Beauty</b>                      | None located in repair zone.   | N/A  | None located in repair zone.  | N/A  |
| <b>Wetlands</b>                           | Wetlands located around pump repair section.   | No effect on surrounding wetlands.                       | Wetlands located around pump repair section.                                | No effect on surrounding wetlands.                       |
| <b>Wild and Scenic Rivers</b>             | N/A FOTG II Not Listed. Repair is not located in a waterway.                         | N/A  | N/A   | N/A  |

Completed By:     Kris Davis     Date:     09/18/06

**DSR NO:** 051-05-044K

## Section 2F Economic

**This section must be completed by each alternative considered (attach additional sheets as necessary).**

[illegible]

Completed By: A. Bolotte

Date: 6/7/2006

**Section 2G Social Consideration**

**This section must be completed by each alternative considered (attach additional sheets as necessary).**

|  | <b>YES</b> | <b>NO</b> | <b>Remarks</b> |
|--|------------|-----------|----------------|
| Has there been a loss of life as a result of the watershed impairment?   |            | x         |                |
| Is there the potential for loss of life due to damages from the watershed impairment?  | x          |           |                |
| Has access to a hospital or medical facility been impaired by watershed impairment?  | x          |           |                |
| Has the community as a whole been adversely impacted by the watershed impairment (life and property ceases to operate in a normal capacity)? | x          |           |                |
| Is there a lack or has there been a reduction of public safety due to watershed impairment?  | x          |           |                |

Completed By:       A. Bolotte       Date:   6/7/2006

**Section 2H Group Representation and Disability Information****This section is completed only for the preferred alternative selected.**

| Group Representation                                 | Number |
|--|--------|
| American Indian/Alaska Native Female Hispanic        |        |
| American Indian/Alaska Native Female Non-Hispanic    |        |
| American Indian/Alaska Native Male Hispanic          |        |
| American Indian/Alaska Native Male Non-Hispanic      |        |
| Asian Female Hispanic                                |        |
| Asian Female Non-Hispanic                            | 4      |
| Asian Male Hispanic                                  |        |
| Asian Male Non-Hispanic                              | 5      |
| Black or African American Female Hispanic            |        |
| Black or African American Female Non-Hispanic        |        |
| Black or African American Male Hispanic              |        |
| Black or African American Male Non-Hispanic          |        |
| Hawaiian Native/Pacific Islander Female Hispanic     |        |
| Hawaiian Native/Pacific Islander Female Non-Hispanic |        |
| Hawaiian Native/Pacific Islander Male Hispanic       |        |
| Hawaiian Native/Pacific Islander Male Non-Hispanic   |        |
| White Female Hispanic                                |        |
| White Female Non-Hispanic                            | 112    |
| White Male Hispanic                                  |        |
| White Male Non-Hispanic                              | 117    |
| Total Group  | 238    |

Census tract(s) \_Jefferson Parish 279\_\_\_\_\_

Completed By: \_\_\_A. Bolotte\_\_\_\_\_

Date: \_6/7/2006\_\_\_\_\_

Section 2I. Required consultation or coordination between the lead agency and/or the RFO and another governmental unit including tribes:

Easements, permissions, or permits:

CWA Permit Required. (ACOE)  
Consistency Authorization Required. (LDNR-CMD)  
Permission Access Required.  
Water Quality Certification Required.

Mitigation Description:

Erosion area will be reseeded with an approved seed in accordance with Critical Area (342) Standards and specifications. Work will be completed in consecutive days to minimize impacts to wildlife.

Agencies, persons, and references consulted, or to be consulted:

|                             |   |
|-----------------------------|---|
| LDWF                        | Army Corps of Engineers                       |
| LDNR                        | City of Grand Isle                            |
| Jefferson Parish Government | Grand Isle Independent Levee District         |
| Private Landowners          | Louisiana Department of Environmental Quality |



**Section 3 Engineering Cost Estimate**

Completed By: \_Cherie E. LaFleur\_\_\_\_\_

Date: \_1-Sep-2006\_\_\_\_\_

**This section must be completed by each alternative considered (attach additional sheets as necessary).**

| Proposed Recovery Measure<br>(including mitigation) | Quantity | Units | Unit Cost (\$) | Amount (\$) |
|---|----------|-------|----------------|-------------|
| Mobilization & Demobilization                       | 1        | LS    | \$2,500.00     | \$2,500     |
| Excavation, Common                                  | 20       | CY    | \$5.50         | \$110       |
| Earthfill, Hauled in and compacted cover over pipe. | 150      | CY    | \$30.00        | \$4,500     |
| Seeding   | 0.1      | AC    | \$1,200.00     | \$120       |
|   |          |       |                |             |
| Total Installation Cost (Enter in Section 1F)\$     |          |       |                | \$7,230     |

| Alternative Recovery Measure<br>(including mitigation)              | Quantity | Units | Unit Cost (\$) | Amount (\$) |
|---|----------|-------|----------------|-------------|
| Mobilization & Demobilization                                       | 1        | LS    | \$2,500.00     | \$2,500     |
| Excavation, Common  | 20       | CY    | \$5.50         | \$110       |
| Earthfill, Compact, Hauled In                                       | 100      | CY    | \$30.00        | \$3,000     |
| Seeding   | 0.1      | AC    | \$1,200.00     | \$120       |
| Timber Sheetpile Wall along both sides of pipe to contain earthfill | 205      | LF    | \$100.00       | \$20,500    |
| Total Installation Cost (Enter in Section 1F)\$                     |          |       |                | \$26,230    |

Unit Abbreviations:

AC Acre  
 CY Cubic Yard  
 EA Each  
 HR Hour  
 LF Linear Feet  
 LS Lump Sum  
 SF Square Feet  
 SY Square Yard  
 TN Ton  
 Other (Specify)

**Section 4 NRCS EWP Funding Priority**

Complete the following section to compute the funding priority for the recovery measures in this application  
(see instructions on page 10).

| Priority Ranking Criteria   | Yes | No |                 | Ranking Number Plus Modifier |
|---|-----|----|-----------------|------------------------------|
| 1. Is this an exigency situation?   |     | x  |                 |                              |
| 2. Is this a site where there is serious, but not immediate threat to human life?   |     | x  |                 |                              |
| 3. Is this a site where buildings, utilities, or other important infrastructure components are threatened?  | x   |    |                 | 3e                           |
| 4. Is this site a funding priority established by the NRCS Chief?   |     | x  |                 |                              |
| <b>The following are modifiers for the above criteria</b>   |     |    | <b>Modifier</b> |                              |
| a. Will the proposed action or alternatives protect or conserve federally-listed threatened and endangered species or critical habitat?   |     |    |                 |                              |
| b. Will the proposed action or alternatives protect or conserve cultural sites listed on the National Register of Historic Places?  |     |    |                 |                              |
| c. Will the proposed action or alternatives protect or conserve prime or important farmland?  |     |    |                 |                              |
| d. Will the proposed action or alternatives protect or conserve existing wetlands?  |     |    |                 |                              |
| e. Will the proposed action or alternatives maintain or improve current water quality conditions?   |     |    | e               |                              |
| f. Will the proposed action or alternatives protect or conserve unique habitat, including but not limited to, areas inhabited by State-listed species, fish and wildlife management area, or State identified sensitive habitats? |     |    |                 |                              |

Enter priority computation in Section 1A, NRCS Entry, Funding priority number.

Remarks:

DSR NO: 051-05-044K

## Section 5A Findings

Finding: Indicate the preferred alternative from Section 2 (Enter to Section 1E):

The proposed action consists of hauling in and replacing eroded earthfill over pump station discharge pipe. The proposed action is the preferred alternative. The proposed action is the least costly alternative that achieves the restoration objectives, maximizes environmental benefits, and is socially acceptable.

*I have considered the effects of the action and the alternatives on the Environmental Economic, Social; the Special Environmental Concerns; and the extraordinary circumstances (40 CFR 1508.27). I find for the reasons stated below, that the preferred alternative:*

X Has been sufficiently analyzed in the EWP PEIS (reference all that apply)

Chapter 5.2.2.3.2

Chapter \_\_\_\_\_

Chapter \_\_\_\_\_

Chapter \_\_\_\_\_

Chapter \_\_\_\_\_

\_\_\_\_\_ May require the preparation of an environmental assessment or environmental impact statement.  
The action will be referred to the NRCS State Office on this date:

NRCS representative of the DSR team

Title: District Conservationist

Date: 6/7/2006

## Section 5B Comments:

## Section 5C

Sponsor Concurrence: \_\_\_\_\_



Sponsor Representative

David Camardelle, Grand Isle Independent Levee District

Title: PresidentDate: November 1, 2006

## Section 6 Attachments:

- A. Location Map
- B. Site Plan or Sketches
- C. Other (explain)